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American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 75 No: 2 For Week Ending: January 14, 1994

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 01/14/94	Last Week Ending: 01/07/94	Last Year Week Ending: 01/15/93	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,848	13,564	13,192	284	656
Operable Capacity	15,145	15,145	15,552	0	-407
Percent Operated	91.4	89.6	84.8		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,505	7,448	7,317	57	188
Total Motor Gasoline Stocks	229,625	228,058*	226,532	1,567	3,093
Total Finished Gasoline Stocks	187,578	185,593*	185,249	1,985	2,329
Blending Components Stocks	42,047	42,465	41,283	-418	764
JET KEROSINE					
Total Jet Kerosine Production	1,371	1,430	1,310	-59	61
Total Jet Kerosine Stocks	38,268	37,862	39,218	406	-950
DISTILLATE FUEL OIL					
Total Distillate Production	3,476	3,322	2,904	154	572
Total Distillate Stocks	137,079	141,852	141,718	-4,773	-4,639
RESIDUAL FUEL OIL					
Total Residual Fuel Production	825	844	839	-19	-14
Total Residual Fuel Stocks	45,675	45,811	45,763	-136	-88
IMPORTS					
Crude Oil Imports	5,914	6,393	6,381	-479	-467
Product Imports	2,056	1,502	1,713	554	343
CRUDE OIL STOCKS	333,540	334,045*	328,095	-505	5,445
CRUDE SUPPLY BALANCE	696				

See Definitional Notes on Page 6.

*See revisions, Page 8.

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For Week Ending: January 14, 1994

U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,431	1,204	1,245	1,442	86.3
Appal. No. 1	101	101	101	109	92.7
PADD 1 TOTAL	1,532	1,305	1,346	1,551	86.8
Week Ago	1,527*	1,251	1,296	1,551	83.6
Year Ago	1,628	1,282	1,296	1,544	83.9
IN, IL, KY	2,267	2,119	2,189	2,327	94.1
MN, WI, ND, SD	370	359	359	368	97.6
OK, KS, MO	655	650	655	726	90.2
PADD 2 TOTAL	3,292	3,128	3,203	3,421	93.6
Week Ago	3,191	2,988	3,063	3,421	89.5
Year Ago	3,255	2,983	3,046	3,356	90.8
Inland TX	601	561	574	530	108.3
TX Gulf Coast	3,373	2,714	2,860	3,231	88.5
LA Gulf Coast	2,657	2,529	2,569	2,646	97.1
N. LA and AR	233	205	205	256	80.1
NM	93	93	93	95	97.9
PADD 3 TOTAL	6,957	6,102	6,301	6,758	93.2
Week Ago	6,771*	6,065	6,123	6,758	90.6
Year Ago	6,656	5,919	5,980	7,173	83.4
PADD 4 TOTAL	474	446	454	519	87.5
Week Ago	474	444	453	519	87.3
Year Ago	433	423	427	514	83.1
PADD 5 TOTAL	2,638	2,501	2,544	2,896	87.8
Week Ago	2,832*	2,586	2,629	2,896	90.8
Year Ago	2,525	2,352	2,443	2,965	82.4
U.S. TOTAL	14,893	13,482	13,848	15,145	91.4
Week Ago	14,795*	13,334	13,564	15,145	89.6
Year Ago	14,497	12,959	13,192	15,552	84.8

See Definitional Notes on Page 6.

*See revisions, Page 8.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosene Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	876	350	—	526	—	66	62	4	388	90	298	130
Appal. No. 1	35	—	—	35	—	—	—	—	27	17	10	4
PADD 1 TOTAL	911	350	—	561	—	66	62	4	415	107	308	134
Week Ago	894	346	—	548	3	91	90	1	397	144	253	129
Year Ago	849	*na*	*na*	*na*	7	97	*na*	*na*	426	*na*	*na*	98
IN, IL, KY	1,237	483	—	754	10	136	136	—	546	304	242	83
MN, WI, ND, SD	178	59	—	119	—	24	24	—	100	22	78	3
OK, KS, MO	382	156	—	226	3	31	31	—	187	96	91	6
PADD 2 TOTAL	1,797	699	—	1,099	13	191	191	—	833	422	411	92
Week Ago	1,742	732	—	1,010	11	203	203	—	767	339	428	83
Year Ago	1,781	*na*	*na*	*na*	15	165	*na*	*na*	713	*na*	*na*	77
Inland TX	331	14	—	317	8	46	37	9	149	122	27	13
TX Gulf Coast	1,521	321	—	1,200	17	308	267	41	723	407	316	185
LA Gulf Coast	1,284	94	—	1,190	16	294	288	6	698	282	416	118
N. LA and AR	63	—	—	63	10	4	4	—	62	27	35	9
NM	58	4	—	54	—	9	—	9	41	41	—	1
PADD 3 TOTAL	3,257	433	—	2,824	51	661	596	65	1,673	879	794	326
Week Ago	3,226	531	—	2,695	42	661	608	53	1,549	785	764	305
Year Ago	3,447	*na*	*na*	*na*	73	653	*na*	*na*	1,287	*na*	*na*	333
PADD 4 TOTAL	233	29	—	204	8	21	21	—	126	93	33	9
Week Ago	226	29	—	197	12	28	28	—	116	77	39	12
Year Ago	244	*na*	*na*	*na*	9	31	*na*	*na*	113	*na*	*na*	23
PADD 5 TOTAL	1,307	580	—	727	4	432	370	62	429	205	224	264
Week Ago	1,360	608	—	752	5	447	410	37	493	275	218	315
Year Ago	996	*na*	*na*	*na*	25	364	*na*	*na*	365	*na*	*na*	308
U.S. TOTAL	7,505	2,090	—	5,415	76	1,371	1,240	131	3,476	1,706	1,770	825
Week Ago	7,448	2,246	—	5,202	73	1,430	1,339	91	3,322	1,620	1,702	844
Year Ago	7,317	*na*	*na*	*na*	129	1,310	*na*	*na*	2,904	*na*	*na*	839

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	4,952	4,935	564	——	4,371	17	73	420	11,709	2,218	9,491	991	——
Central Atlantic	36,105	31,019	9,177	——	21,842	5,086	108	4,488	31,992	8,047	23,945	13,228	8,944
Lower Atlantic	24,998	24,734	4,759	——	19,975	264	168	3,644	13,941	6,336	7,605	2,913	367
PADD 1 TOTAL	66,055	60,688	14,500	——	46,188	5,367	349	8,552	57,642	16,601	41,041	17,132	9,311
Week Ago	65,044*	59,457*	15,057	——	44,400*	5,587	288	8,865	60,897	18,306	42,591	17,380	9,385
Year Ago	63,266	56,708	*na*	*na*	*na*	6,558	362	9,482	67,527	*na*	*na*	18,141	11,282
PADD 2 TOTAL	58,317	49,993	893	——	49,100	8,324	728	7,562	35,273	22,230	13,043	3,389	14,521
Week Ago	57,685*	49,374*	727	——	48,647*	8,311	592	7,290	36,506	23,279	13,227	3,352	14,309
Year Ago	59,890	51,518	*na*	*na*	*na*	8,372	1,103	8,205	32,542	*na*	*na*	2,293	14,212
PADD 3 TOTAL	64,854	47,574	5,127	——	42,447	17,280	1,198	13,656	30,008	13,624	16,384	16,676	44,180
Week Ago	65,207*	47,919*	4,689	——	43,230*	17,288	1,086	13,162	28,992	12,261	16,731	17,335	43,089
Year Ago	66,020	48,613	*na*	*na*	*na*	17,407	1,865	15,113	28,937	*na*	*na*	16,231	47,097
PADD 4 TOTAL	6,950	4,533	500	——	4,033	2,417	223	454	3,053	1,854	1,199	519	2,718
Week Ago	6,831	4,509	516	——	3,993	2,322	222	520	3,169	1,782	1,387	553	2,758
Year Ago	6,211	4,510	*na*	*na*	*na*	1,701	263	556	2,200	*na*	*na*	572	2,178
PADD 5 TOTAL	33,449	24,790	8,907	——	15,883	8,659	359	8,044	11,103	7,258	3,845	7,959	21,049
Week Ago	33,291*	24,334*	8,545	——	15,789*	8,957	344	8,025	12,286	8,020	4,268	7,191	19,720
Year Ago	31,145	23,900	*na*	*na*	*na*	7,245	1,319	5,860	10,512	*na*	*na*	8,526	21,654
U.S. TOTAL	229,625	187,578	29,927	——	157,651	42,047	2,855	38,268	137,079	61,567	75,512	45,675	91,779
Week Ago	228,058*	185,593*	29,534	——	156,059*	42,465	2,532	37,862	141,852	63,648	78,204	45,811	89,261
Year Ago	226,532	185,249	*na*	*na*	*na*	41,283	4,912	39,218	141,718	*na*	*na*	45,763	96,423

See Definitional Notes on Page 6.

*See revisions, Page 8.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: January 14, 1994	4,295.0	5,556	751
Week Ended: January 7, 1994	4,280.0	6,251	756
Week Ended: December 31, 1993	4,280.0	6,324	975
Week Ended: January 15, 1993	4,365.0	6,079	713
DOE latest (08/93):	4,240.0		
PADD 5			
Week Ended: January 14, 1994	2,600.0	358	76
Week Ended: January 7, 1994	2,623.0	142	113
Week Ended: December 31, 1993	2,623.0	291	54
Week Ended: January 15, 1993	2,615.0	302	87
DOE latest (08/93):	2,478.0		
TOTAL U.S.			
Week Ended: January 14, 1994	6,895.0	5,914	827
Week Ended: January 7, 1994	6,903.0	6,393	869
Week Ended: December 31, 1993	6,903.0	6,615	1,029
Week Ended: January 15, 1993	6,980.0	6,381	800
DOE monthly - year ago	6,937.0		
DOE latest (08/93):	6,718.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	12,016	79,018	157,728	11,178	73,600	19,428	333,540
Week Ago	13,271*	78,505	161,240*	10,888	70,141	16,319	334,045*
Year Ago	14,317	68,816	161,579	10,599	72,784	16,968	328,095

Daily Average Crude Oil Supply Balance (In Thousands of 42-gallon barrels)	
Current Week:	696
1993 Average:	258
1993 Positive Average:	736
1993 Negative Average:	-597

See Definitional Notes on Page 6.

*See revisions, Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

For Week Ending: January 14, 1994

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	80	—	—	80	—	—	18	114	16	98	290	50	—	—	552
Central Atlantic	56	—	—	56	2	—	—	37	8	29	117	15	155	29	411
Lower Atlantic	63	—	—	63	—	19	17	—	—	—	—	—	—	24	123
PADD 1 TOTAL	199	—	—	199	2	19	35	151	24	127	407	65	155	53	1,086
week ago	172	—	—	172	13	—	104	98	37	61	314	9	101	19	830
4 Week averages															
avg - current 4 weeks	183	—	—	183	4	5	57	110	40	70	304	25	118	32	838
avg - year ago 4 weeks	175	*na*	*na*	*na*	16	4	77	165	*na*	*na*	484	28	162	63	1,174
PADDs 2-4 TOTAL	—	—	—	—	—	—	—	8	3	5	14	227	555	80	884
week ago	—	—	—	—	—	—	—	9	3	6	10	98	316	199	632
4 Week averages															
avg - current 4 weeks	2	—	—	2	—	—	—	10	5	5	37	148	394	118	709
avg - year ago 4 weeks	12	*na*	*na*	*na*	8	3	21	10	*na*	*na*	88	127	253	154	676
PADD 5 TOTAL	7	—	—	7	—	—	5	7	5	2	52	6	1	8	86
week ago	8	—	—	8	—	—	7	3	1	2	6	7	1	8	40
4 Week averages															
avg - current 4 weeks	7	—	—	7	—	—	5	5	2	3	26	5	6	13	67
avg - year ago 4 weeks	2	*na*	*na*	*na*	—	—	5	2	*na*	*na*	6	3	9	7	34
U.S. TOTAL	206	—	—	206	2	19	40	166	32	134	473	228	711	141	2,056
week ago	180	—	—	180	13	—	111	110	41	69	330	114	418	226	1,502
4 Week averages															
avg - current 4 weeks	192	—	—	192	4	5	62	123	46	77	367	178	518	163	1,612
avg - year ago 4 weeks	189	*na*	*na*	*na*	24	7	103	177	*na*	*na*	577	159	424	223	1,883

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	DECEMBER 1993	NOVEMBER 1993 /r	AUGUST 1993
Florida	15.0	16.0	16.0
New York-Pennsylvania	6.0	6.0	6.0
Virginia	0.0	0.0	0.0
West Virginia	6.0	6.0	6.0
Illinois	52.0	52.0	52.0
Indiana	7.0	7.0	8.0
Kansas	134.0	135.0	133.0
Kentucky	10.0	11.0	13.0
Michigan	36.0	36.0	36.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	14.0	14.0	13.0
Ohio	23.0	22.0	23.0
Oklahoma	257.0	258.0	261.0
North Dakota	84.0	85.0	83.0
South Dakota	4.0	4.0	4.0
Alabama	52.0	53.0	53.0
Arkansas	27.0	27.0	27.0
Mississippi	57.0	58.0	56.0
New Mexico-So. East	172.0	172.0	173.0
New Mexico-Other	12.0	12.0	11.0
Louisiana	1,147.0	1,147.0	1,134.0
Texas	1,748.0	1,757.0	1,711.0
Colorado	77.0	78.0	78.0
Montana	47.0	48.0	49.0
Utah	57.0	58.0	58.0
Wyoming	235.0	235.0	235.0
Total Districts 1-4	4,280.0	4,298.0	4,240.0
Alaska	1,673.0	1,666.0	1,527.0
Arizona	0.0	0.0	0.0
California	945.0	946.0	947.0
Nevada	5.0	6.0	4.0
Total District 5	2,623.0	2,618.0	2,478.0
TOTAL U.S.	6,903.0	6,916.0 /r	6,718.0

/r Revised: Data currently displayed are based on reported volumes from 40 producing companies. These volumes are estimated to represent 51.0% of lower 48 states production. When combined with reported Alaskan data, the sample represents 62.8% of total U.S. production in November.

API Weekly Statistical Bulletin
Week Ended: January 14, 1994

Revisions

01/07/94 PAGE 1	TOTAL INPUTS	EAST COAST	1,439
		PADD 1 TOTAL	1,527
		PADD 3 TOTAL	6,771
		PADD 5 TOTAL	2,832
		TX GULF COAST	3,274
		U.S. TOTAL	14,795
PAGE 3	MOTOR GAS. (OTHER)	CENTRAL ATLANTIC	21,816
		LOWER ATLANTIC	18,513
		PADD 1 TOTAL	44,400
		PADD 2 TOTAL	48,647
		PADD 3 TOTAL	43,230
		PADD 5 TOTAL	15,789
		U.S. TOTAL	156,059
	TOTAL FINISHED MOTOR GASOLINE	CENTRAL ATLANTIC	31,328
		LOWER ATLANTIC	23,518
		PADD 1 TOTAL	59,457
		PADD 2 TOTAL	49,374
		PADD 3 TOTAL	47,919
		PADD 5 TOTAL	24,334
		U.S. TOTAL	185,593
	TOTAL MOTOR GASOLINE	CENTRAL ATLANTIC	36,630
		LOWER ATLANTIC	23,787
		PADD 1 TOTAL	65,044
		PADD 2 TOTAL	57,685
		PADD 3 TOTAL	65,207
		PADD 5 TOTAL	33,291
		U.S. TOTAL	228,058
PAGE 4	PRODUCTION API MONTHLY DOM. PRODUC	PADD 1 TOTAL	4280.0
		PADD 5 TOTAL	2623.0
		U.S. TOTAL	6903.0
	STOCKS CRUDE OIL	PADD 1 TOTAL	13,271
		PADD 3 TOTAL	161,240
		U.S. TOTAL	334,045